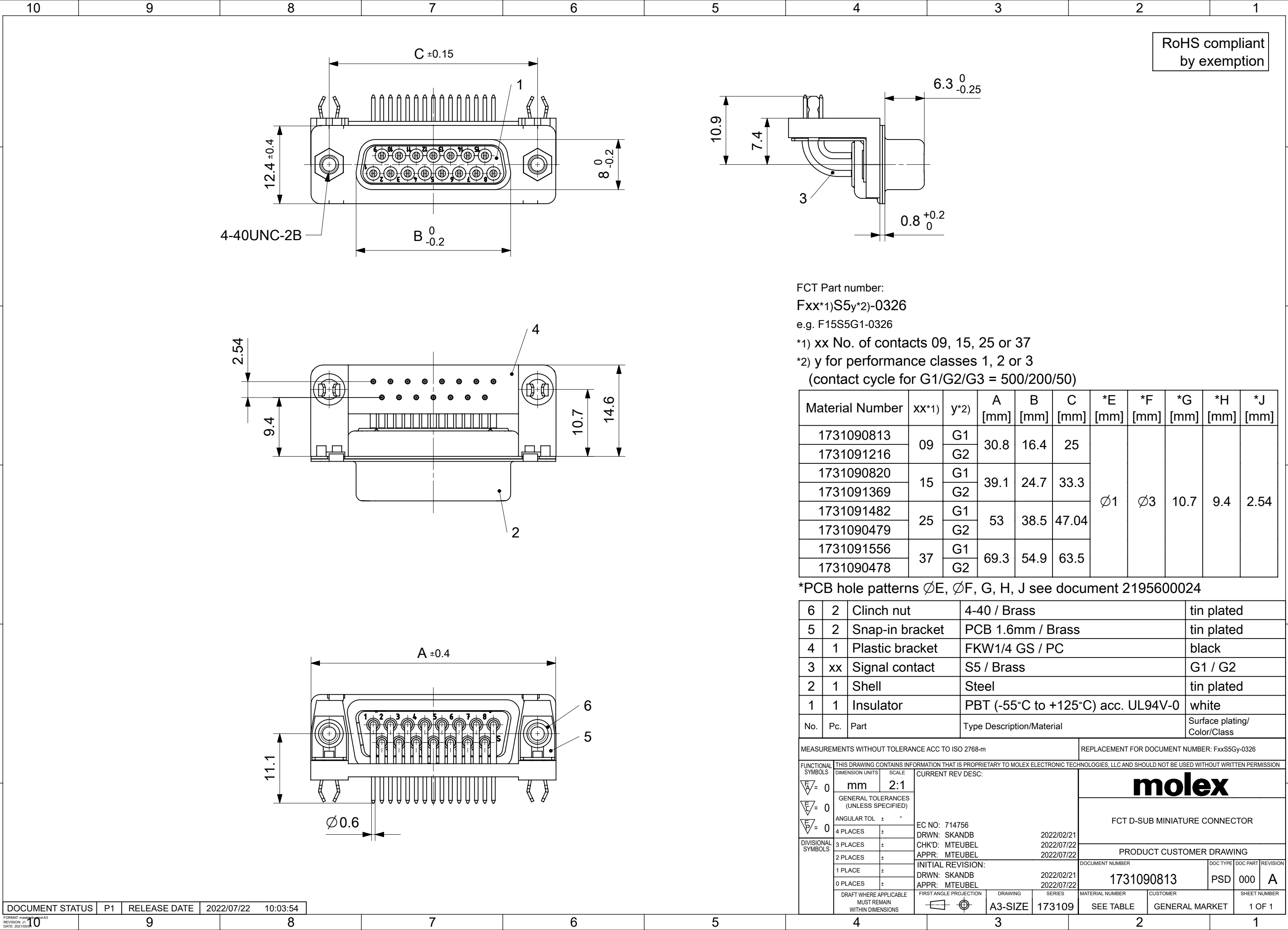




RoHS compliant  
by exemption

FCT Part number:

Fxx\*1)S5y\*2)-0326

e.g. F15S5G1-0326

\*1) xx No. of contacts 09, 15, 25 or 37

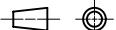
\*2) y for performance classes 1, 2 or 3

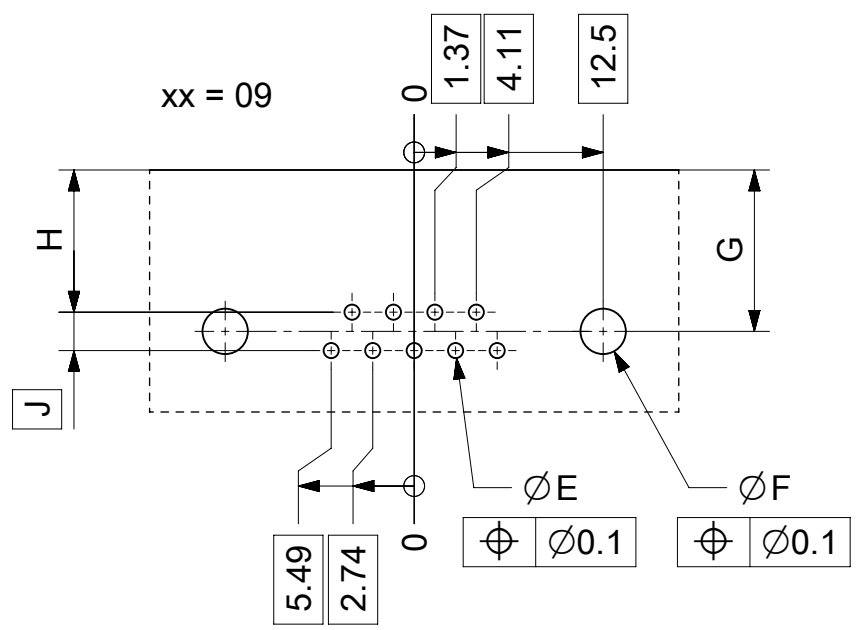
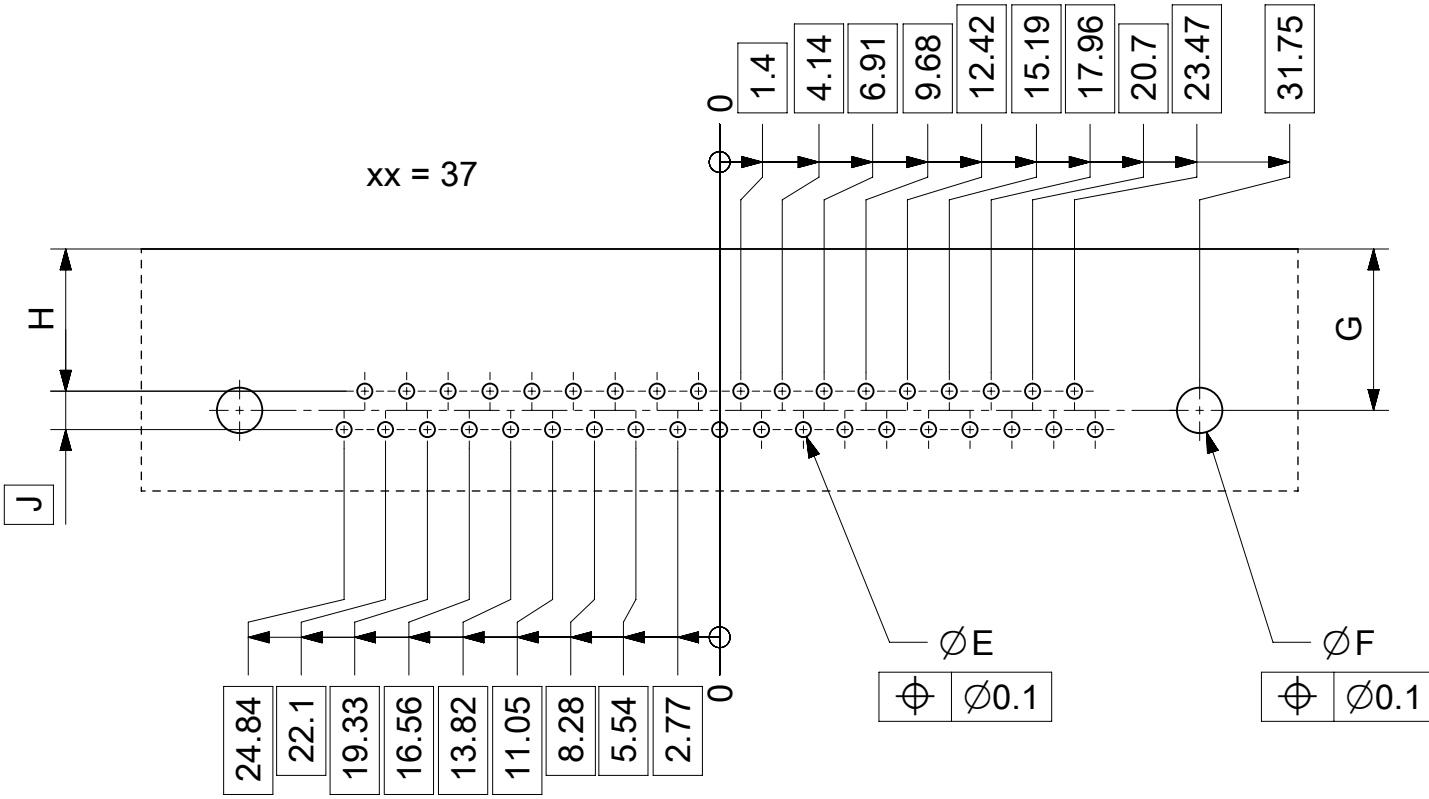
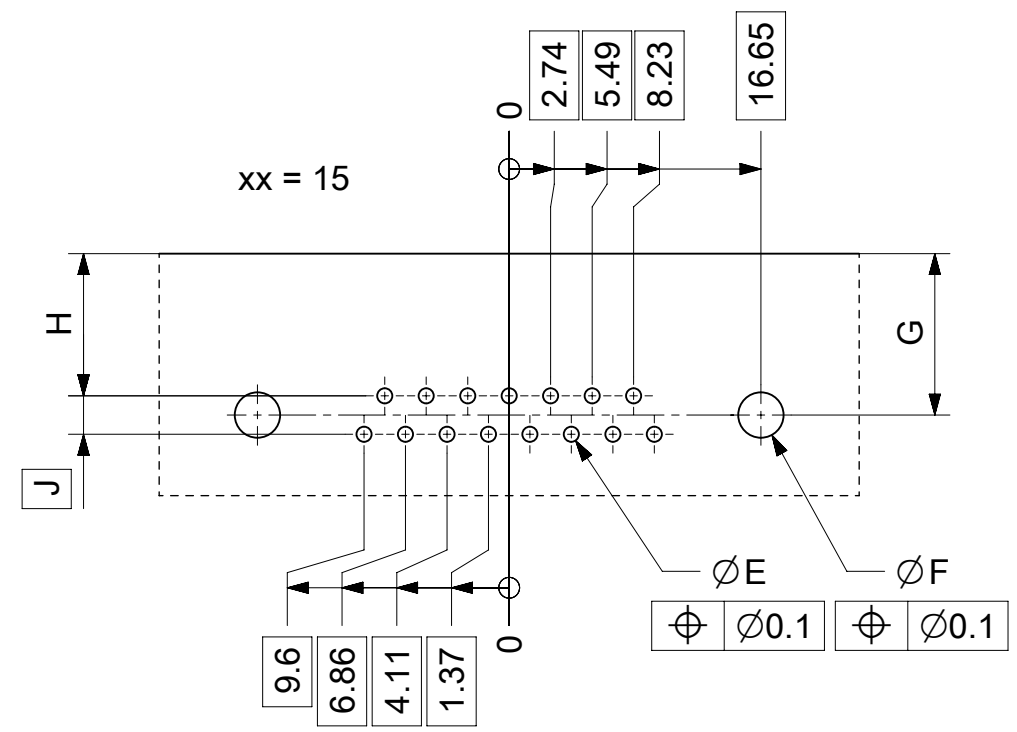
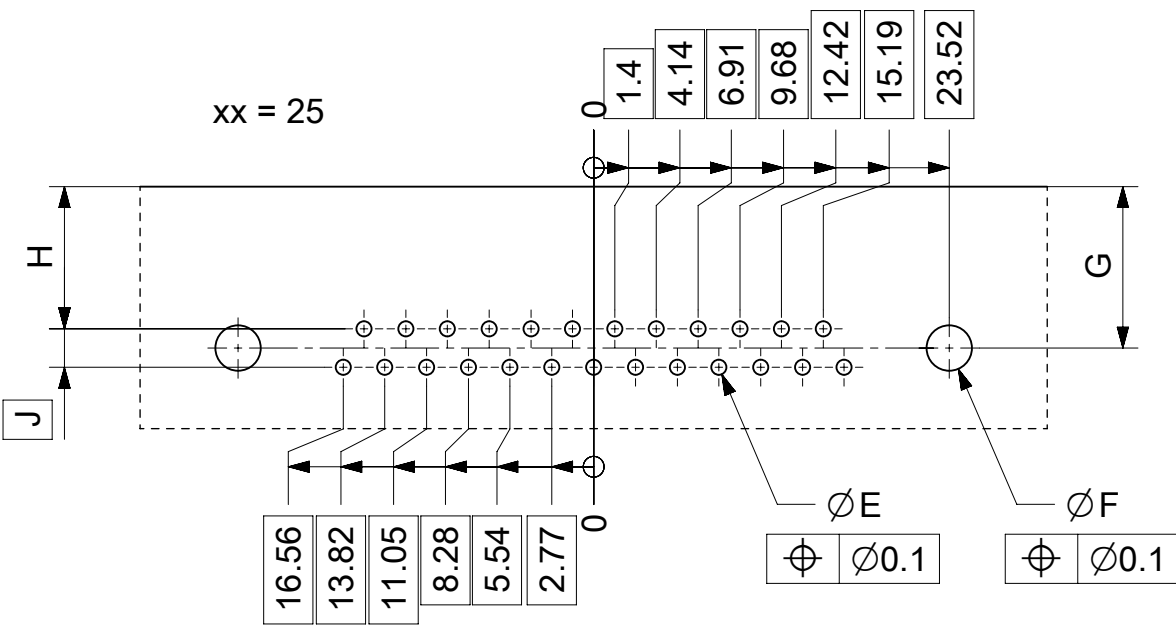
(contact cycle for G1/G2/G3 = 500/200/50)

| Material Number | xx*1) | y*2) | A<br>[mm] | B<br>[mm] | C<br>[mm] | *E<br>[mm] | *F<br>[mm] | *G<br>[mm] | *H<br>[mm] | *J<br>[mm] |
|-----------------|-------|------|-----------|-----------|-----------|------------|------------|------------|------------|------------|
| 1731090813      | 09    | G1   | 30.8      | 16.4      | 25        | Ø1         | Ø3         | 10.7       | 9.4        | 2.54       |
| 1731091216      |       | G2   |           |           |           |            |            |            |            |            |
| 1731090820      | 15    | G1   | 39.1      | 24.7      | 33.3      |            |            |            |            |            |
| 1731091369      |       | G2   |           |           |           |            |            |            |            |            |
| 1731091482      | 25    | G1   | 53        | 38.5      | 47.04     |            |            |            |            |            |
| 1731090479      |       | G2   |           |           |           |            |            |            |            |            |
| 1731091556      | 37    | G1   | 69.3      | 54.9      | 63.5      |            |            |            |            |            |
| 1731090478      |       | G2   |           |           |           |            |            |            |            |            |

\*PCB hole patterns ØE, ØF, G, H, J see document 2195600024

|     |     |                 |                                    |                                 |
|-----|-----|-----------------|------------------------------------|---------------------------------|
| 6   | 2   | Clinch nut      | 4-40 / Brass                       | tin plated                      |
| 5   | 2   | Snap-in bracket | PCB 1.6mm / Brass                  | tin plated                      |
| 4   | 1   | Plastic bracket | FKW1/4 GS / PC                     | black                           |
| 3   | xx  | Signal contact  | S5 / Brass                         | G1 / G2                         |
| 2   | 1   | Shell           | Steel                              | tin plated                      |
| 1   | 1   | Insulator       | PBT (-55°C to +125°C) acc. UL94V-0 | white                           |
| No. | Pc. | Part            | Type Description/Material          | Surface plating/<br>Color/Class |

|                                                                                           |                                                                                                                                               |                                                                                       |       |         |                                                                                                   |                |  |                                                            |  |  |                 |
|-------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|-------|---------|---------------------------------------------------------------------------------------------------|----------------|--|------------------------------------------------------------|--|--|-----------------|
| MEASUREMENTS WITHOUT TOLERANCE ACC TO ISO 2768-m                                          |                                                                                                                                               |                                                                                       |       |         | REPLACEMENT FOR DOCUMENT NUMBER: FxxS5Gy-0326                                                     |                |  |                                                            |  |  |                 |
| FUNCTIONAL SYMBOLS<br><br>F A = 0<br><br>F E = 0<br><br>F B = 0<br><br>DIVISIONAL SYMBOLS | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |                                                                                       |       |         |                                                                                                   |                |  |                                                            |  |  |                 |
|                                                                                           | DIMENSION UNITS                                                                                                                               |                                                                                       | SCALE |         | CURRENT REV DESC:                                                                                 |                |  | <div>molex</div>                                           |  |  |                 |
|                                                                                           | mm                                                                                                                                            |                                                                                       | 2:1   |         |                                                                                                   |                |  |                                                            |  |  |                 |
|                                                                                           | GENERAL TOLERANCES (UNLESS SPECIFIED)                                                                                                         |                                                                                       |       |         | EC NO: 714756<br>DRWN: SKANDB 2022/02/21<br>CHK'D: MTEUBEL 2022/07/22<br>APPR: MTEUBEL 2022/07/22 |                |  | FCT D-SUB MINIATURE CONNECTOR                              |  |  |                 |
|                                                                                           | ANGULAR TOL                                                                                                                                   |                                                                                       | ± °   |         |                                                                                                   |                |  |                                                            |  |  |                 |
|                                                                                           | 4 PLACES                                                                                                                                      |                                                                                       | ±     |         | PRODUCT CUSTOMER DRAWING                                                                          |                |  |                                                            |  |  |                 |
|                                                                                           | 3 PLACES                                                                                                                                      |                                                                                       | ±     |         |                                                                                                   |                |  | DOCUMENT NUMBER<br><br>1731090813                          |  |  | DOC TYPE        |
|                                                                                           | 2 PLACES                                                                                                                                      |                                                                                       | ±     |         | INITIAL REVISION:<br>DRWN: SKANDB 2022/02/21<br>APPR: MTEUBEL 2022/07/22                          |                |  |                                                            |  |  | PSD             |
|                                                                                           | 1 PLACE                                                                                                                                       |                                                                                       | ±     |         |                                                                                                   |                |  | DRAFT WHERE APPLICABLE<br>MUST REMAIN<br>WITHIN DIMENSIONS |  |  | MATERIAL NUMBER |
|                                                                                           | 0 PLACES                                                                                                                                      |                                                                                       | ±     |         | SEE TABLE                                                                                         | GENERAL MARKET |  |                                                            |  |  | 1 OF 1          |
|                                                                                           |                                                                                                                                               | FIRST ANGLE PROJECTION                                                                |       | DRAWING |                                                                                                   | SERIES         |  |                                                            |  |  |                 |
|                                                                                           |                                                                                                                                               |  |       | A3-SIZE |                                                                                                   | 173109         |  |                                                            |  |  |                 |



ØE, ØF, G, H, J see data sheet incl. connector  
ØF, G connectors with accessories only

|                                                                        |                                                                                                                                               |                                                      |                                                                  |                                                                                   |                          |        |                 |                |              |
|------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------|------------------------------------------------------------------|-----------------------------------------------------------------------------------|--------------------------|--------|-----------------|----------------|--------------|
| MEASUREMENTS WITHOUT TOLERANCE ACC TO ISO 2768-m                       |                                                                                                                                               |                                                      |                                                                  | REPLACEMENT FOR DOCUMENT NUMBER: AM0024                                           |                          |        |                 |                |              |
| FUNCTIONAL SYMBOLS<br>FA = 0<br>FE = 0<br>FP = 0<br>DIVISIONAL SYMBOLS | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION | CURRENT REV DESC:                                    |                                                                  | <b>molex</b><br>FCT PCB HOLE PATTERN RIGHT ANGL. CONTACT<br>NO. OF CONTACTS 09-37 |                          |        |                 |                |              |
|                                                                        | DIMENSION UNITS<br>mm                                                                                                                         | SCALE<br>2:1                                         | EC NO: 713905<br>DRWN: SKANDB<br>CHK'D: MTEUBEL<br>APPR: MTEUBEL |                                                                                   |                          |        |                 |                |              |
|                                                                        | GENERAL TOLERANCES (UNLESS SPECIFIED)                                                                                                         |                                                      | 2022/05/16<br>2022/07/12<br>2022/07/12                           |                                                                                   |                          |        |                 |                |              |
|                                                                        | ANGULAR TOL ± °                                                                                                                               |                                                      | 4 PLACES ±                                                       |                                                                                   | PRODUCT CUSTOMER DRAWING |        |                 |                |              |
|                                                                        | 3 PLACES ±                                                                                                                                    |                                                      | INITIAL REVISION:                                                |                                                                                   | DOCUMENT NUMBER          |        | DOC TYPE        | DOC PART       | REVISION     |
| 2 PLACES ±                                                             |                                                                                                                                               | DRWN: SKANDB                                         |                                                                  | 2195600024                                                                        |                          | PSD    | 000             | A              |              |
| 1 PLACE ±                                                              |                                                                                                                                               | APPR: MTEUBEL                                        |                                                                  | 2022/05/16<br>2022/07/12                                                          |                          |        |                 |                |              |
| 0 PLACES ±                                                             |                                                                                                                                               | DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS |                                                                  | FIRST ANGLE PROJECTION                                                            | DRAWING                  | SERIES | MATERIAL NUMBER | CUSTOMER       | SHEET NUMBER |
|                                                                        |                                                                                                                                               |                                                      |                                                                  |                                                                                   | A3-SIZE                  | 219560 | 219560          | GENERAL MARKET | 1 OF 1       |